



**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q62809

#3

Yuichi MARUYAMA

Appln. No.: 09/770,189

Group Art Unit: 2631

Confirmation No.: 7312

Examiner: Unknown

Filed: January 29, 2001

For: RAKE RECEIVER WITH LOW PASS FILTER

**RECEIVED**

**OCT 31 2002**

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§ 1.97 and 1.98**

**Technology Center 2000**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

1. Japanese Unexamined Patent Publication No. 8-331011, published December 13, 1996.
2. Japanese Unexamined Patent Publication No. 9-284174, published October 31, 1997.
3. Japanese Unexamined Patent Publication No. 10-51356, published February 20, 1998.
4. NAKAMURA, Shogo, "5.3.2 FIR Systems and IIR Systems, Beginner's Digital Signal Processing," Tokyo Denki University Press, June 20, 1999, 1<sup>st</sup> Edition, 2<sup>nd</sup> Printing, pp. 118-121.

One copy of each of the listed documents is submitted herewith.

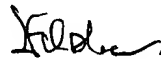
Yuichi MARUYAMA  
Appln. No. 09/770,189  
Information Disclosure Statement

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date for an application other than a continued prosecution application (CPA) under §1.53(d); (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Japanese Office Action dated August 20, 2002 with an English translation of the pertinent portion thereof which cites such documents and indicates the degree of relevance found by the foreign patent office.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,



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Ref. # Q62809

The inventions regarding the following claims of this application could have been easily invented based on inventions described in the publications indicated below, which had been distributed in Japan or abroad prior to the filing of this application, or on inventions made publicly available through telecommunication lines prior to the filing of this application, by a person having ordinary knowledge in the technical field of the invention prior to the filing of this application, and therefore cannot be patented, as per the stipulations of Article 29, Subsection 2 of the Patent Law.

Description (See the List of Cited Literature for a list of cited literature.)

- Claims                    1 through 6
- Cited Literature        1 through 4
- Remarks

Cited Literature 1 through 3 describe the use of IIR in calculating the delay profile; no remarkable point is found in the invention of this application.

Claim 3 describes what is called the standard form of an IIR system (Cited Literature 4), and no remarkable point is found therein.

If any reasons for rejection are newly discovered, another Notice of Reasons for Rejection will be issued.

#### List of Cited Literature

1. Japanese Unexamined Patent Application Publication H8-331011
2. Japanese Unexamined Patent Application Publication H9-284174
3. Japanese Unexamined Patent Application Publication H10-51356
4. Nakamura, Shogo: "5.3.2 FIR Systems and IIR Systems, Beginner's Digital Signal Processing," Tokyo Denki University Press, 1999-6-20, 1<sup>st</sup> Edition, 2<sup>nd</sup> Printing, pp. 118-121.